**Level 2 Organic summary reagents**

**DIOL**

**POLYMERS**

heat

+ catalyst

heat

+/or catalyst

MnO4-/H+

MnO4-/H+

or

Cr2O72-/H+

H2O/H+

**ALKANE**

**ALKENE**

conc H2SO4/H2O

**ALCOHOL**

**CARBOXYLIC ACID**

H2

Pt catalyst

HF/HCl/HBr/HI

PCl3/PCl5

SOCl2

HF/HCl/HBr/HI

Br2

Cl2

Br2

Cl2

KOH (alcoholic)

KOH (aqueous)

**HALOALKANE**

conc NH3 (alcoholic)

**AMINE**

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